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(54) Title: HETEROCYCLIC ORGANIC MOLECULES THROUGH INTRAMOLECULAR FORMATION OF N-ACYLIMINIUM IONS

(57) Abstract: The present invention relates to a method of preparing heterocyclic organic compounds involving intramolecular formation of an N-acyliminium ion and an in-tramolecular Pictet-Spengler reaction. The invention furthermore discloses precursor molecules useful for the method and methods of preparing these precursor molecules. The invention also relates to heterocyclic organic compounds prepared by the methods, libraries of such heterocyclic organic compound and methods of preparing them, as well as to various uses of the heterocyclic organic compounds.

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